

Refine Search

Search Results -

Term	Documents
ADHESIVE	1031885
ADHESIVES	210514
BONDING	675722
BONDINGS	2742
MATERIAL	6981610
MATERIALS	2821029
(30 AND ((BONDING OR ADHESIVE) ADJ MATERIAL)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	12
(L30 AND ((ADHESIVE OR BONDING) ADJ MATERIAL)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	12

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
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 EPO Abstracts Database
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 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L31

Refine Search

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DATE: Friday, September 23, 2005 [Printable Copy](#) [Create Case](#)

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Name Query
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Count Set
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 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L31</u>	L30 and ((adhesive or bonding) adj material)	12	<u>L31</u>
<u>L30</u>	L29 and (image adj forming)	240	<u>L30</u>
<u>L29</u>	L28 and (monomer or solvent)	240	<u>L29</u>

<u>L28</u>	L23 and (volatile)	240	<u>L28</u>
<u>L27</u>	L23 and (volatile adj gas)	2	<u>L27</u>
<u>L26</u>	L23 and ((adhesive or bonding) adj material)	12	<u>L26</u>
<u>L25</u>	L23 and ((volatile adj gas) and ((adhesive or bonding) adj material))	0	<u>L25</u>
<u>L24</u>	L23 and ((volatile adj gas) and ((adhesive or bonding) adj material))	0	<u>L24</u>
<u>L23</u>	L22 and (image adj forming)	240	<u>L23</u>
<u>L22</u>	L19 and (solvent and residue and volatile and (bonding or adhesine))	240	<u>L22</u>
<u>L21</u>	L20 and (solvent adj residue)	4	<u>L21</u>
<u>L20</u>	L19 and monomer	886	<u>L20</u>
<u>L19</u>	L18 and (image adj forming)	1375	<u>L19</u>
<u>L18</u>	L17 and (adhesive or bonding)	2002	<u>L18</u>
<u>L17</u>	L16 and volatile	15321	<u>L17</u>
<u>L16</u>	L14 and (adhesive or volatile or bond\$3)	45501	<u>L16</u>
<u>L15</u>	L14 and (adhesive or volatile)	30482	<u>L15</u>
<u>L14</u>	((electrophoretic) or (processing adj device) or (processing adj cartridge) or (image adj forming))	392057	<u>L14</u>
<u>L13</u>	L12 and (adhesive or Bond\$3)	1	<u>L13</u>
<u>L12</u>	L8 and (volatile)	15	<u>L12</u>
<u>L11</u>	L8 and (adhesive or bonding)	25	<u>L11</u>
<u>L10</u>	L9	39	<u>L10</u>
<u>L9</u>	L8 and (volatile or adhesive or bonding)	39	<u>L9</u>
<u>L8</u>	L7 and L3	49	<u>L8</u>
<u>L7</u>	electrophotographic and (image adj form\$3)	61482	<u>L7</u>
<u>L6</u>	electrophotographic	157330	<u>L6</u>
<u>L5</u>	L4 and (adhesive or bond\$3)	1	<u>L5</u>
<u>L4</u>	L3 and volatile	29	<u>L4</u>
<u>L3</u>	L2 and (adhesive or bond\$3 or volatile)	77	<u>L3</u>
<u>L2</u>	L1 and (processing adj device)	337	<u>L2</u>
<u>L1</u>	(image adj form\$3) and photoreceptor	33782	<u>L1</u>

END OF SEARCH HISTORY

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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L31</u>	L30 and ((adhesive or bonding) adj material)	12	<u>L31</u>
<u>L30</u>	L29 and (image adj forming)	240	<u>L30</u>
<u>L29</u>	L28 and (monomer or solvent)	240	<u>L29</u>

<u>L28</u>	L23 and (volatile)	240	<u>L28</u>
<u>L27</u>	L23 and (volatile adj gas)	2	<u>L27</u>
<u>L26</u>	L23 and ((adhesive or bonding) adj material)	12	<u>L26</u>
<u>L25</u>	L23 and ((volatile adj gas) and ((adhesive or bonding) adj material))	0	<u>L25</u>
<u>L24</u>	L23 and ((volatile adj gas) and ((adhesive or bonding) adj material))	0	<u>L24</u>
<u>L23</u>	L22 and (image adj forming)	240	<u>L23</u>
<u>L22</u>	L19 and (solvent and residue and volatile and (bonding or adhesine))	240	<u>L22</u>
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<u>L16</u>	L14 and (adhesive or volatile or bond\$3)	45501	<u>L16</u>
<u>L15</u>	L14 and (adhesive or volatile)	30482	<u>L15</u>
<u>L14</u>	((electrophoretic) or (processing adj device) or (processing adj cartridge) or (image adj forming))	392057	<u>L14</u>
<u>L13</u>	L12 and (adhesive or Bond\$3)	1	<u>L13</u>
<u>L12</u>	L8 and (volatile)	15	<u>L12</u>
<u>L11</u>	L8 and (adhesive or bonding)	25	<u>L11</u>
<u>L10</u>	L9	39	<u>L10</u>
<u>L9</u>	L8 and (volatile or adhesive or bonding)	39	<u>L9</u>
<u>L8</u>	L7 and L3	49	<u>L8</u>
<u>L7</u>	electrophotographic and (image adj form\$3)	61482	<u>L7</u>
<u>L6</u>	electrophotographic	157330	<u>L6</u>
<u>L5</u>	L4 and (adhesive or bond\$3)	1	<u>L5</u>
<u>L4</u>	L3 and volatile	29	<u>L4</u>
<u>L3</u>	L2 and (adhesive or bond\$3 or volatile)	77	<u>L3</u>
<u>L2</u>	L1 and (processing adj device)	337	<u>L2</u>
<u>L1</u>	(image adj form\$3) and photoreceptor	33782	<u>L1</u>

END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 4 of 4 returned.

- ☐ 1. Document ID: US 20040058281 A1 Relevance Rank: 43

Using default format because multiple data bases are involved.

L21: Entry 2 of 4

File: PGPB

Mar 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040058281

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040058281 A1

TITLE: Image forming method using photothermographic material

PUBLICATION-DATE: March 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yamane, Katsutoshi	Kanagawa		JP	
Yamada, Sumito	Kanagawa		JP	
Okutsu, Eiichi	Kanagawa		JP	
Ohzeki, Tomoyuki	Kanagawa		JP	
Oka, Yutaka	Kanagawa		JP	

US-CL-CURRENT: 430/350; 430/523, 430/531, 430/611, 430/613, 430/619, 430/945,
430/965

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Keywords	Drawings
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- ☐ 2. Document ID: US 20030224307 A1 Relevance Rank: 33

L21: Entry 4 of 4

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030224307

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030224307 A1

TITLE: Photothermographic material

PUBLICATION-DATE: December 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Yamamoto, Seiichi	Kanagawa	JP
Okutsu, Eiichi	Kanagawa	JP
Ohzeki, Tomoyuki	Kanagawa	JP

APPL-NO: 10/ 412214 [PALM]

DATE FILED: April 14, 2003

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
JP	2002-114743	2002JP-2002-114743	April 17, 2002
JP	2002-234786	2002JP-2002-234786	August 12, 2002
JP	2002-234787	2002JP-2002-234787	August 12, 2002

INT-CL: [07] G03 C 1/09, G03 C 1/20, G03 C 1/498

US-CL-PUBLISHED: 430/568; 430/944, 430/584, 430/600, 430/614, 430/617

US-CL-CURRENT: 430/568; 430/584, 430/600, 430/614, 430/617, 430/944

ABSTRACT:

A photothermographic material including a substrate carrying on one surface thereof an image forming layer containing at least a photosensitive silver halide, a non-photosensitive organic silver salt, a reducing agent for a silver ion, and a binder, wherein the photosensitive silver halide has a silver iodide content of 40 to 100 mol %, and an average particle size of 5 to 80 nm, and the photothermographic material contains a compound of the following general formula (1);

Q-(Y).sub.n--C(Z.sub.1)(Z.sub.2)X General formula (1):

wherein Q represents a heterocycle, Y represents a divalent connecting group, n represents 0 or 1, Z.sub.1 and Z.sub.1 each represent a halogen atom, and X represents a hydrogen atom or an electron withdrawing group.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	DOC	Unpat U
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☐ 3. Document ID: US 20050147931 A1 Relevance Rank: 33

L21: Entry 1 of 4

File: PGPB

Jul 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050147931

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050147931 A1

TITLE: Process for manufacturing a photothermographic material

PUBLICATION-DATE: July 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yamamoto, Seiichi	Kanagawa		JP	
Okutsu, Eiichi	Kanagawa		JP	
Ohzeki, Tomoyuki	Kanagawa		JP	

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE CODE
FUJI PHOTO FILM CO., LTD.				03

APPL-NO: 11/ 072514 [PALM]

DATE FILED: March 7, 2005

RELATED-US-APPL-DATA:

Application 11/072514 is a continuation-in-part-of US application 10/412214, filed April 14, 2003, PENDING

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
JP	2002-114743	2002JP-2002-114743	April 17, 2002
JP	2002-234786	2002JP-2002-234786	August 12, 2002
JP	2002-234787	2002JP-2002-234787	August 12, 2002
JP	2002-284293	2002JP-2002-284293	September 27, 2002
JP	2002-333718	2002JP-2002-333718	November 18, 2002
JP	2002-333719	2002JP-2002-333719	November 18, 2002

INT-CL: [07] G03 C 5/16

US-CL-PUBLISHED: 430/348

US-CL-CURRENT: 430/348

ABSTRACT:

A process for manufacturing a photothermographic material comprising a support and an image forming layer on the support, containing at least a photosensitive silver halide, a non-photosensitive organic silver salt, a reducing agent for a silver ion, and a binder, comprising mixing the photosensitive silver halide with the non-photosensitive organic silver salt:

said photosensitive silver halide having a silver iodide content of 40 mol % to 100 mol %, and an average particle size of 5 nm to 80 nm,

and said photothermographic material further containing at least one compound selected from the group consisting of compounds represented by formulae (T1) and (T2); 1

Wherein in formula (T1), R represents a hydrogen atom, an alkyl group having 1 to 4 carbon atoms, an aryl group, a halogen atom, an amino group, a nitro group, an alkoxy carbonyl group, a substituted or unsubstituted carboxyl group or salt thereof, or a sulfonic group or salt thereof, 2

wherein in formula (T2), R represents an alkyl or alkenyl group having 20 or less carbon atoms, an aryl, alkaryl, or aralkyl group having 20 or less carbon atoms, an

aliphatic or aromatic heterocyclic group containing 6 or less ring atoms, or a carbocyclic group containing 6 or less carbon atoms.

A photothermographic material having high sensitivity and excellent preservation stability and excellent in light fastness of images is obtained.

CROSS-REFERENCE TO RELATED APPLICATION

[0001] This application is a continuation-in-part of earlier field application Ser. No. 10/412,214, which claims priority under 35 USC 119 from Japanese Patent Application Nos. 2002-114743, 2002-284293, 2002-234786, 2002-333718, 2002-234787, and 2002-333719, the disclosures of which are incorporated by reference herein.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Ds
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☐ 4. Document ID: US 20040038156 A1 Relevance Rank: 31

L21: Entry 3 of 4

File: PGPB

Feb 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040038156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040038156 A1

TITLE: Image forming method using photothermographic material

PUBLICATION-DATE: February 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Oyamada, Takayoshi	Knagawa		JP	
Sasaoka, Senzo	Kanagawa		JP	
Yamane, Katsutoshi	Kanagawa		JP	

APPL-NO: 10/ 448280 [PALM]

DATE FILED: May 30, 2003

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
JP	2002-161615	2002JP-2002-161615	June 3, 2002
JP	2002-243258	2002JP-2002-243258	August 23, 2002
JP	2002-275552	2002JP-2002-275552	September 20, 2002

INT-CL: [07] G03 C 5/16, G03 C 1/498, G03 C 1/12

US-CL-PUBLISHED: 430/350; 430/218, 430/517, 430/527, 430/584, 430/619, 430/620, 430/631, 430/945

US-CL-CURRENT: 430/350; 430/218, 430/517, 430/527, 430/584, 430/619, 430/620, 430/631, 430/945

REPRESENTATIVE-FIGURES: 1